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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.		
10/735,537	12/12/2003	Chan Ki Kim	DYA-0011	2716		
23413	7590 11/02/2005	EXAM	XAMINER			
	OLBURN, LLP	PATEL, RA	PATEL, RAJNIKANT B			
-	ROAD SOUTH LD, CT 06002		ART UNIT	PAPER NUMBER		
	•		2838			
			DATE MAILED: 11/02/2005			

Please find below and/or attached an Office communication concerning this application or proceeding.

		A	pplication	No.	Applicant(s)				
Office Action Summary			0/735,537		KI KIM ET AL.	(m)			
		Ex	xaminer		Art Unit				
		Ra	ajnikant B.	Patel	2838				
	MAILING DATE of this commun				orrespondence ad	dress			
Period for Reply									
A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely. - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication. - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).									
Status									
1)⊠ Resp	onsive to communication(s) file	ed on <u>14 Septe</u>	ember 200	<u> 5</u> .					
• • • • • • • • • • • • • • • • • • • •	This action is FINAL . 2b)⊠ This action is non-final.								
•									
Disposition of	Claims								
4)⊠ Clain 4a) O 5)⊡ Clain 6)⊠ Clain 7)⊡ Clain	4) Claim(s) 1-6 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) Claim(s) is/are allowed. 6) Claim(s) 1-6 is/are rejected.								
Application Page	apers								
9)∏ The s	pecification is objected to by the	e Examiner.							
	10) ☐ The drawing(s) filed on is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.								
	Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).								
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d). 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.									
Priority under	35 U.S.C. § 119								
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 									
Attachment(s)				_					
1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date									
3) Information	raftsperson's Patent Drawing Review (Disclosure Statement(s) (PTO-1449 o)/Mail Date		Notice of Informal F		D-152)				

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DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-6 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

- 1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
- (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 2. Claims 1-6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Applicant's prior art figure 2 in combination with Cheng et al. (U.S. patent # 5,757,099). Applicant's prior art discloses claimed subject matters a 12th active filter (figure 2), Including a passive filter with a condenser, an inductor and a resistor (figure 2, item 7-1), a three phase structure (figure 2, item Phase A, B and C), a switch (figure 2, item 2-3), a voltage source converter (figure 2, item 2-4), a transformer (figure 2, item 2-2), a firing unit (figure 2, item 2-7), a control unit (figure 2, item 2-6) and a signal detection unit (figure 2, item 2-5). However applicant's prior art does not disclose the utilization of the technique for one passive filter per phase. Cheng et al. teaches the utilization of the

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similar technique for one passive filter per phase (figure 4, item 34). It would have been obvious one having an ordinary skill in the art at the time the invention was made to modify applicant prior art's invention by utilizing the technique taught by Cheng et al. for the purpose of improve the efficiency of the active filter. In regards to claims 2-6, Applicant's prior art discloses claimed subject matters. Further Applicant's prior art in combination with Cheng et al.'s filter circuit meets the structure limitation.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Rajnikant B. Patel whose telephone number is 571-2722082. The examiner can normally be reached on 6.30-5.00; m-f.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Sherry can be reached on 571-272-2084. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Rajnikant B Patel Primary Examiner

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